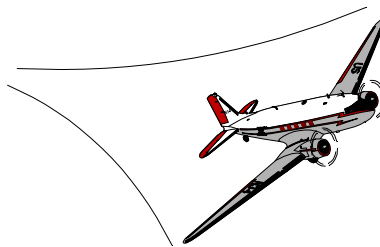


# SPECIAL AIRWORTHINESS INFORMATION BULLETIN

Aircraft Certification Service  
Washington, DC



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

No. NE-02-33  
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*We post SAIBs on the internet at "av-info.faa.gov"*

*This is information only. Recommendations are not mandatory.*

## Introduction

This Special Airworthiness Information Bulletin (SAIB) advises aircraft operators, FAA repair stations and FSDOs, and Foreign Civil Aviation Authorities, that **Jet B wide-cut aviation turbine fuel** meeting the new American Society for Testing and Materials (ASTM) fuel specification D-6615 **is acceptable** for use on aircraft and engines originally certificated for operation with Jet-B fuel meeting ASTM fuel specification D-1655 (or manufacturers' equivalent specifications). The ASTM organization responsible for aviation fuels has issued a new specification applicable only to Jet B wide cut fuel which duplicates the existing Jet B requirements in ASTM Specification D-1655. Those Jet B requirements will eventually be removed from ASTM Specification D-1655 leaving only specification D-6615 for Jet B fuel.

## Background

The current and prior versions of ASTM specification number D1655 (or manufacturers' equivalent specifications), "Standard Specification for Aviation Turbine Fuels", include Jet B wide-cut aviation fuel along with Jet A and Jet A-1 kerosene fuels. Aircraft and engines certified to operate on fuel meeting the current or prior versions of ASTM D1655 (or equivalent manufacturers' specifications), were approved for operation with all three of these fuels, unless a limitation relating to fuel types is stated in the certification documents. Many recently certificated aircraft include such a limitation to allow use of Jet A and Jet A-1 only, but not Jet B.

Aircraft manufacturers have expressed concerns regarding potential misfueling of aircraft approved for Jet A and Jet A-1 fuels but not Jet-B. In response to these concerns, ASTM and the FAA have approved the separation of the criteria for Jet-B wide-cut fuel into a stand-alone specification. This new specification, number D6615, "Standard Specification for Jet B Wide Cut Aviation Turbine Fuel", was issued by ASTM on June 1, 2001. The Jet B criteria, however, will be maintained in specification D1655 for a period of time to allow for transition to the new specification.

The FAA is an active member of the ASTM subcommittee responsible for the development and maintenance of aviation fuel specifications and, as such, has participated in the review of the technical aspects of these specification changes. Based on this review, the FAA has determined that Jet B fuel meeting ASTM specification D6615 also meets the current and prior versions of ASTM specification D1655 (or equivalent manufacturers' specifications) relative to all current FAA design and operational approvals.

## Recommendations

**Operators are approved to use Jet B fuel meeting ASTM specification D-6615** on those aircraft and engines that possess approvals to operate with Jet B aviation turbine fuel meeting the current and prior versions of specification ASTM D1655 (or manufacturers' equivalent specifications). **These recommendations are only valid for aircraft and engines with type certificates issued prior to December 31, 2002.**

## For Further Information Contact

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